# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 08 Nov 2020 until 23:59 on Monday 09 Nov 2020

Forecast Issued on Saturday 07 Nov 2020 at 11:00

**Confidence:** High for mild, mainly south or southeast winds over the next few days and for showery rain at times, but low confidence for cloud details and for amounts and timings of rain.

**Headline for Sunday 08 Nov 2020:** A rather foggy start, though some bright or sunny spells possible in west. Cloud thickening in morning to bring outbreaks of rain, with some heavy rain in afternoon.

**Mountain weather hazards on Sunday 08 Nov 2020**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
No Likelihood

**Poor visibility**
Medium Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
Medium Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Cloudy | Fog | Fog | Light rain | Light rain | Heavy Rain | Heavy Rain | Fog |
| Precipitation probability | | | | | | | |
| 10% | 30% | 30% | 70% | 90% | 90% | 70% | 10% |

**Forecast for Sunday 08 Nov 2020**

**Weather:** Cloud thickening further overnight with areas of fog and some patchy rain or drizzle, especially over eastern slopes. Perhaps some early bright or sunny spells in west, but a mostly cloudy, murky start with areas of fog. Fog will lift from lower slopes in morning but staying cloudy and outbreaks of rain will soon spread from south. Some heavy and perhaps prolonged rain in afternoon, but clearing after dark, with a few clear spells developing but mist and fog will likely redevelop.

**Chance of cloud free mountain/hill tops above 600m:** 40or 50% in west overnight and at first Sunday, but mostly 20% or less, with persistent cloud down to 500m, but 250-400m in east at first and at times in rain.

**Visibility:** Generally poor or very poor overnight and at first Sunday, though perhaps good on western slopes and generally moderate to good beneath cloud from mid-morning.

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# Mountain Weather Forecast

**Forecast for Sunday 08 Nov 2020**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 8/13 NE | 9/13 NE | 10/16 E | 9/15 E | 10/17 SE | 8/13 SE | 8/12 S | 7/12 S | 8/13 SE |
| **300** | 7/18 E | 7/17 E | 8/20 E | 7/17 E | 8/16 SE | 5/11 SE | 3/9 SE | 2/9 SE | 3/10 SE |
| **Valley** | 7/17 E | 7/17 E | 7/16 E | 8/20 E | 6/15 SE | 5/10 SE | 3/8 SE | 5/9 E | 6/11 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 6/4 | 6/3 | 7/4 | 7/4 | 8/6 | 8/6 | 8/6 | 8/6 | 8/6 |
| **300** | 7/5 | 8/6 | 8/5 | 8/7 | 10/8 | 10/9 | 9/8 | 9/8 | 9/8 |
| **Valley** | 8/6 | 10/8 | 9/8 | 10/8 | 12/10 | 11/11 | 10/10 | 10/9 | 10/9 |
| **Freezing Level*** | 2600m | 2600m | 2800m | 2800m | 2600m | 2400m | 2300m | 2200m | 2200m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Mild and muggy with generally light winds. Uncomfortable and sometimes difficult walking conditions in afternoon with rain and soggy ground.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Sat 07 Nov 2020 | 0.2mm | 0.2mm | 0.2mm |

**Forecast for Monday 09 Nov 2020**

**Weather:** Mostly cloudy with areas of mist and fog at first, but this will mostly lift through the morning and some brighter interludes could develop, but staying mostly cloudy with outbreaks of mainly light rain through the day and still a good deal of hill fog, especially over southern slopes. Some heavy and perhaps thundery outbreaks possible in evening

**Maximum wind:** South to southeast 10-15mph

**Chance of cloud free mountain/hill tops above 600m:** 20 or 30% at best with generally persistent cloud down to 600m, but periods of cloud down to 400m or below, especially early and late in day.

**Visibility:** Generally moderate to good, beneath cloud, but quite widely poor or very poor at height, especially at first and only a few kilometres in rain at times.

**Temperature:** **Valleys:** Plus 9 rising to plus 12 C
**At 600m:** Plus 8 or 9 C
**Freezing level:** Above the tops

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